

## Programming Languages Chapter 13 Discovering Computers

1. What is a third generation programming language?

This is a refinement of a second-generation programming language.

2. Give three examples of third generation languages?

Three examples of this is FORTRAN, ALGOL, and BASIC.

3. What generation language is assembly?

Second generation is a language of assembly.

4. What is object oriented programming?

Object oriented programming is creating a program that can use and support objects.

5. Define three object oriented programming languages:

Java: developed by sun Microsystems. Java is a set of technologies built on sun's java SE that allows programmers to develop and deploy web services for a company.

C++: this program is an extension of the c programming language and it has additional features.

C#: programming language based on C++ and was developed primarily by Anders Hejlsberg

Page 696 Ethics and Issues: Read Is Beta Testing out of Hand?

What is Beta Testing? Would you participate in beta testing software on your pc? Why or why not? Are Software manufacturers being honest about their intentions in their beta testing? If not, in what way? Is it reasonable for software manufacturers to beta test their software for the general public? If so, for how long?

Beta testing is Software testing is an investigation conducted to provide stakeholders with information about the quality of the product or service under test. Yes I would participate in beta testing software on my pc because it's a good thing, you can benefit from doing this. Well it has its ups and downs. I think that software manufactures are being honest about their intentions in their beta testing. Yes it is reasonable for software manufacturers to beta test their software for the general public. They should only for a few months though, 2-3 months.